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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,718	07/12/2001	Fern Beauchamp	- 409p1	1545
7590 10/29/2003			EXAMINER	
M. Koch			SMITH, JAMES G	
866 Main St. E.				
Hamilton, ON	L8M 1L9		ART UNIT	PAPER NUMBER
CANADA			3723	
			DATE MAILED: 10/29/2003	/0

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	1
Office Action Summan	09/902,718	BEAUCHAMP, FERN	(A)
Office Action Summary	Examiner	Art Unit	
The MAN INC DATE of this control of	James G. Smith	3723	
The MAILING DATE of this communication app Period for Reply	sears on the cover sheet wit	n the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repl If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply will, by statute - Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	I36(a). In no event, however, may a re by within the statutory minimum of thirty will apply and will expire SIX (6) MONT e, cause the application to become ABA	ply be timely filed (30) days will be considered timely. THS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).	
1) Responsive to communication(s) filed on 12 I	February 2003 .		
2a) This action is FINAL . 2b) ⊠ Th	nis action is non-final.		
Since this application is in condition for allows closed in accordance with the practice under Disposition of Claims	ance except for formal matt Ex parte Quayle, 1935 C.D	ers, prosecution as to the merits is 11, 453 O.G. 213.	
4) Claim(s) 18-24 and 27-38 is/are pending in th	e application.		
4a) Of the above claim(s) is/are withdra	wn from consideration.		
5) Claim(s) 18-24,27,29 and 32-36 is/are allowed	I.		
6)⊠ Claim(s) <u>28,30,31,37 and 38</u> is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) are subject to restriction and/o	r election requirement.		
Application Papers			
9) The specification is objected to by the Examine			
10) The drawing(s) filed on is/are: a) acce	•		
Applicant may not request that any objection to the			
11) The proposed drawing correction filed on	_	sapproved by the Examiner.	
If approved, corrected drawings are required in replaced 12) The oath or declaration is objected to by the Ex	•		
	.ammer.		
Priority under 35 U.S.C. §§ 119 and 120	a maile aithe com de a 05 H 0 0 0	440() () ()	
13) Acknowledgment is made of a claim for foreign	1 priority under 35 U.S.C. §	119(a)-(d) or (f).	
a) All b) Some * c) None of:	a bassa bassa sasabsa d		
1. Certified copies of the priority document		-BP N	
2. Certified copies of the priority document		·	
 3. Copies of the certified copies of the prior application from the International Bu * See the attached detailed Office action for a list 	reau (PCT Rule 17.2(a)).	•	
14) Acknowledgment is made of a claim for domesti	c priority under 35 U.S.C. §	119(e) (to a provisional application	n).
 a) The translation of the foreign language pro 15) Acknowledgment is made of a claim for domest 	• •		
Attachment(s)			
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of In	ummary (PTO-413) Paper No(s) formal Patent Application (PTO-152)	

Application/Control Number: 09/902,718

Art Unit: 3723

DETAILED ACTION

Drawings

1. The drawings filed on 12 July 2001 are acceptable subject to correction of the informalities indicated below. In order to avoid abandonment of this application, correction is required in reply to the Office action. The correction will not be held in abeyance.

Cancellation of one of the figures 8 is required.

Claim Rejections - 35 USC § 112

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 3. Claims 28, 30, 31, 37 and 38 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

There is no antecedent basis for "said cone portion" in claim 28 and "said bit extension" in claims 37 and 38.

Claims 30 and 31 depend from cancelled claims 26 and 25, respectively.

Allowable Subject Matter

- 4. Claims 18-24, 27, 29 and 32-36 are allowed.
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James G. Smith whose telephone number is 703-308-1746. The examiner can normally be reached on M-Th (7:05- 4:35) Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail, III can be reached on 703-308-2687. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

James G. Smith Primary Examiner Art Unit 3723

jgs 10/28/03